Composite Health Care System I

TRICARE T-NEX Information Technology

Pre-Proposal Brief

2 October 2002

CHCS Overview

- Primary automated medical information system for the Department of Defense (DoD)
- One of the world's largest standardized health care information systems
- Deployed worldwide to 102 Host sites
  - Supports 120+ hospitals and 535 associated clinics
  - Serves approximately 150,000 health care professionals
- Provides healthcare to over 8 million beneficiaries
- Implemented in 1989, deployed worldwide 1995
- DoD/Veterans Administration (VA) Sharing
  - Government Computer–based Patient Record (GCPR) (2002)
  - Laboratory Interoperability & Data Sharing (2002)
  - Consolidated Mail Outpatient Pharmacy (CMOP) (2002)

CHCS Overview - Continued

- Over 300,000 users worldwide
- Over 32 Million outpatient visits yearly
- Over 800,000 inpatient admissions yearly
- Over 1 Million bed days
- 99% availability and reliability
- On-line Order entry available since 1991

CHCS Core Functionality

CHCS provides automated support to all areas of health care operations and patient care via:

Provider Order Entry	Results Retrieval
Patient Scheduling	Patient Administration
Laboratory	ADT, Ward & Bed mgt
Radiology	Pharmacy
Dental	Nursing
Problem Lists	Nutrition
Consult Requests	Patient Notes
Billing/TPC	Coding
PCM Management	Patient Transfer (Medevac)

CHCS Managed Care Enhancements

- Enrollment and Eligibility
  - Enrollment Portability (National Enrollment Database)
  - Enrollment Data Synchronization
- PCM by Name (PCMBN)
  - Direct care and network physicians PCM assignment via PIT message (Automated)
  - PCM panel management
    - Capacity Management & Batch Reassignment Capabilities
- Third Party Collections
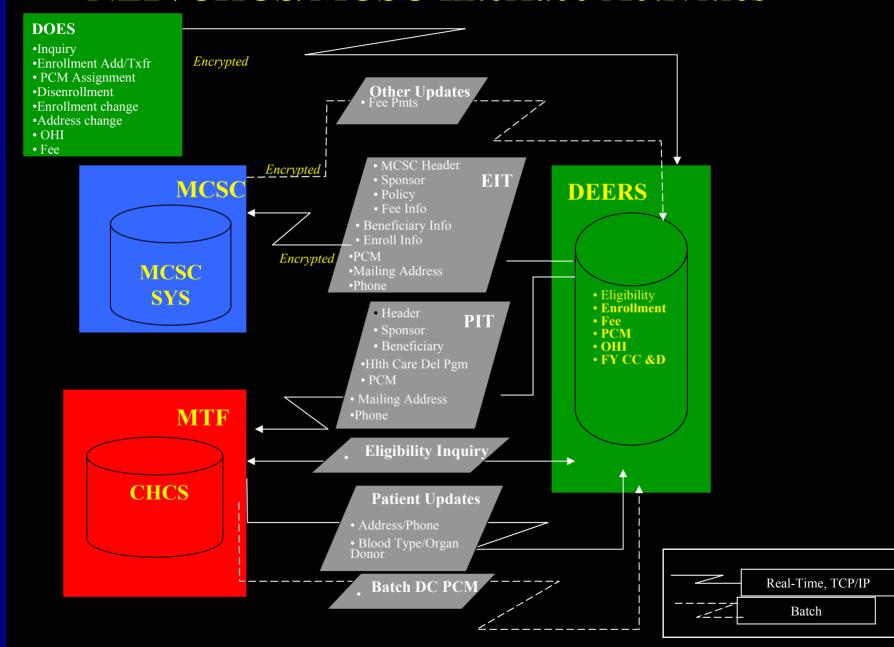 - Enhanced Itemized Billing (Oct 2002)

CHCS Data Standardization, Policy and Regulatory Requirements

- Data Standardization
  - Synchronized with DEERS
  - Appointment Standardization
  - Laboratory Data Standardization (LOINC)
  - Standard Insurance Tables
  - Standardization of Data Tables (i.e. CPT, ICD-9, HCPCS, DRG, NDC, CMAC, FDB, UIC, DMIS ID, MEPRS, PatCat & WAM Core)
- Regulatory
  - HIPAA
    - X.12, Provider Taxonomy
    - Eligibility Queries (270/271)
    - Claim Processing (837)

PCMBN Changes

- Allow PCMBN batch reassignment functionality to be accessed through web view that activates software to initiate PCM reassignments

- DEERS becomes repository for PCMBN

- Support PCMBN assignment for direct care beneficiaries via NED interface

- Send batch PCM reassignments changes to DEERS

- Allow PCM changes across DMIS Id's within host

- Allow PCM changes based on UIC, Provider, Gender, and Age Parameters

- Add provider type code of Resource Sharing to provider file in CHCS

NED/CHCS/MCSC Interface Activities

DOES
- Inquiry
- Enrollment Add/Txfr
- PCM Assignment
- Disenrollment
- Enrollment change
- Address change
- OHI
- Fee

Encrypted

Other Updates
- Fee Pmts

Encrypted

MCSC

MCSC SYS

EIT
- MCSC Header
- Sponsor
- Policy
- Fee Info
- Beneficiary Info
- Enroll Info
- PCM
- Mailing Address
- Phone

Encrypted

DEERS
- Eligibility
- **Enrollment**
- **Fee**
- **PCM**
- **OHI**
- **FY CC &D**

PIT
- Header
- Sponsor
- Beneficiary
- Hlth Care Del Pgm
- PCM
- Mailing Address
- Phone

MTF

CHCS

Eligibility Inquiry

Patient Updates
- Address/Phone
- Blood Type/Organ Donor

Batch DC PCM

Real-Time, TCP/IP

Batch

Questions ?